

**REMARKS**

Claims 1-36 are pending. This Preliminary Amendment is submitted to correct a minor informality, i.e., to renumber the first of the two claim 10's originally submitted to claim 36.

No new matter has been added. A marked-up version of the amended claim is attached

5 herewith on a separate sheet.

Respectfully submitted,



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**MARKED-UP VERSION OF THE AMENDED CLAIMS**

1     [10]36. (Amended) The estimation method of claim 9, wherein  
2     said determining step comprising statistical signal  
3     processing of said multiplicity of measurements, said  
4     signal processing being based on a noise model selected  
5     from a fixed pattern noise model, a reset noise model, a  
6     shot noise model and a read noise model.